AUTODOC CLUB

# How to change front ABS sensor on **AUDI A3 Sportback (8VA, 8VF)** – replacement guide

## SIMILAR VIDEO TUTORIAL




This video shows the replacement procedure of a similar car part on another vehicle

**Important!**

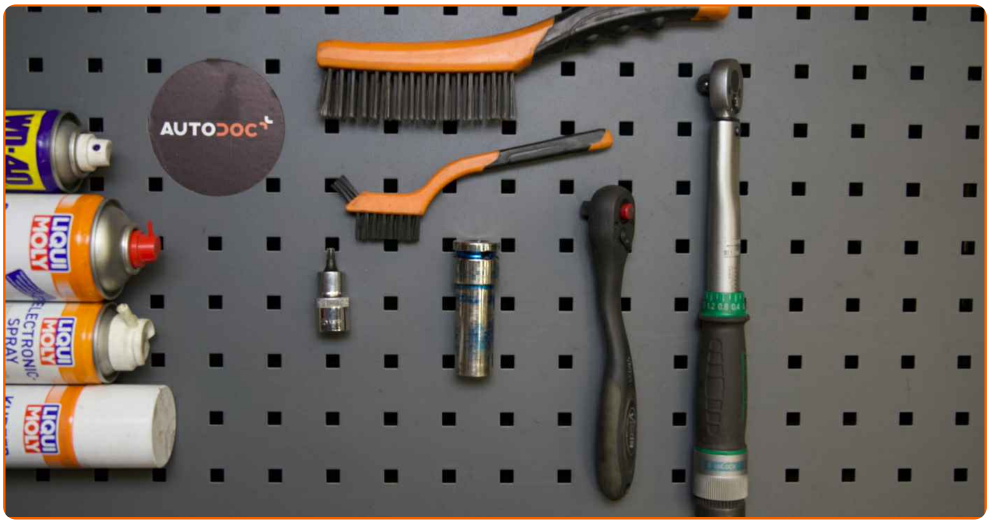
This replacement procedure can be used for:
AUDI A3 Sportback (8VA, 8VF) 2.0 TDI quattro, AUDI A3 Sportback (8VA, 8VF) S3 quattro, AUDI A3 Sportback (8VA, 8VF) 1.8 TFSI quattro, AUDI A3 Sportback (8VA, 8VF) 1.6 TDI quattro, AUDI A3 Sportback (8VA, 8VF) 2.0 TFSI quattro

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The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Saloon (362) 2.0 TDI

# REPLACEMENT: ABS SENSOR – AUDI A3 SPORTBACK (8VA, 8VF). LIST OF THE TOOLS YOU'LL NEED:




- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Electronic spray
- Multipurpose grease
- Copper grease
- Torque wrench
- HEX bit No.H5
- Wheel impact socket #17
- Ratchet wrench
- Flat screwdriver
- Wheel chock

Buy tools

Replacement: ABS sensor – AUDI A3 Sportback (8VA, 8VF). AUTODOC experts recommend:

- All work should be done with the engine stopped.

## REPLACEMENT: ABS SENSOR – AUDI A3 SPORTBACK (8VA, 8VF). USE THE FOLLOWING PROCEDURE:

1. Secure the wheels with chocks.
2. Loosen the wheel mounting bolts. Use wheel impact socket #17.



3. Raise the front of the car and secure on supports.
4. Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. AUDI A3 Sportback (8VA, 8VF)

5

Remove the wheel.



6

Detach the ABS sensor connector.



7

Clean the ABS sensor fastener. Use a wire brush. Use WD-40 spray.



8

Unscrew the ABS sensor fastener. Use HEX No.H5. Use a ratchet wrench.



9

Disconnect the ABS sensor.



**10** Clean the ABS sensor mounting seat. Use a wire brush. Use WD-40 spray.



**11** Treat the ABS sensor fastener. Use a multipurpose grease. Use a flat screwdriver.



**12** Connect the ABS sensor.



**13** Tighten the fastener that connects the ABS sensor to the steering knuckle. Use HEX No.H5. Use a torque wrench. Tighten it to 7 Nm torque.



**14** Treat the ABS sensor connector. Use a nylon cleaning brush. Use dielectric grease.



**15** Attach the ABS sensor connector.



**16** Clean the wheel rim mounting seat. Use a wire brush.



**17** Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



**18** Clean the brake disk surface. Use a brake cleaner.



### AUTODOC recommends:

- Replacement: ABS sensor – AUDI A3 Sportback (8VA, 8VF). After applying the spray, wait a few minutes.

**19** Install the wheel.



### AUTODOC recommends:

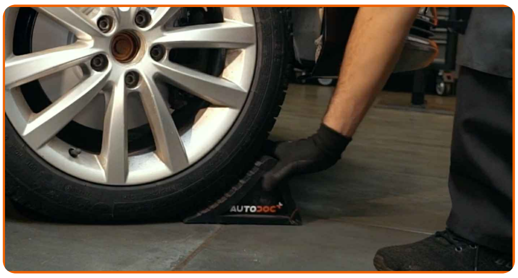
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. AUDI A3 Sportback (8VA, 8VF)

**20** Screw in the wheel bolts. Use wheel impact socket #17.



21 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

22 Remove the jacks and chocks.



## WELL DONE!

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